

KE-2050/KE-2060Causes and countermeasures of patch failure:

—.Patch offset

 $\Box$ .Uneven patches throughout the substrate (each substrate is offset in a different

way)

- $\Xi$ .Only part of the substrate is offset.
- 四.Only certain components are offset.
- $\pm$ . The patch Angle is offset.
- 六.Component absorption error.
- 七.Laser identification (component identification) error.
- 八.Nozzle loading and unloading error.
- 九.Mark (BOC mark, IC mark) identification error.
- +.Image recognition error (KE-2060 only).
- +-.Analysis of the main reasons for throwing material.